

IN THE CLAIMS

This listing of claims replaces all prior listings.

Claims 1-18 - Canceled.

Please add the following new claims.

19. (New) A motor filter assembly comprising:
a motor housing, said motor housing including a motor housing conductive portion;
a first motor brush mounted to said motor housing;
a second motor brush mounted to said motor housing;
a first filter, said first filter comprising a filter first conductive structure comprising a filter first external electrode and a filter first internal conductive structure, a filter second conductive structure comprising a filter second external electrode and a filter second internal conductive structure, and a filter shield structure comprising a filter shield external electrode and a filter shield internal conductive structure;
wherein said filter first external electrode is conductively connected to said first motor brush;
wherein said filter second external electrode is conductively connected to said second motor brush;
wherein said filter shield external electrode is conductively connected to said conductive portion of said motor housing; and
wherein said filter shield internal conductive structure shields said filter first internal conductive structure from said filter second internal conductive structure.

20. (New) The assembly of claim 19 wherein said filter is mounted to said motor housing.

21. (New) The assembly of claim 20 wherein said motor housing includes a component carrier, and said filter is in contact with said component carrier.

22. (New) The assembly of claim 22 wherein said component carrier comprises an insulating substrate and at least one region having a conductive coating.

23. (New) The assembly of claim 23 wherein said at least one region includes a first conductive coating region, a second conductive coating region, and a ground conductive coating region.

24. (New) The assembly of claim 23 wherein said filter first external electrode contacts said first conductive coating region, said filter second external electrode contacts said second conductive coating region, and said filter shield external electrode contacts said ground conductive coating region.

25. (New) The assembly of claim 24 wherein said component carrier defines a first connector structure conductively connected to said first conductive coating region.

26. (New) The assembly of claim 25 wherein said component carrier defines a second connector structure conductively connected to said second conductive coating region.

27. (New) The assembly of claim 26 wherein said ground conductive coating region contacts said motor housing conductive portion.

28. (New) The assembly of claim 19 further comprising a second filter having a second filter first terminal, a second filter second terminal, and a second filter shield terminal, and wherein said second filter first terminal is conductively connected to said filter first external electrode, said second filter second terminal is conductively connected to said first filter second external electrode, and said second filter third terminal is conductively connected to said motor housing conductive portion.

29. (New) The assembly of claim 28 wherein said first filter and said second filter are disposed on opposite sides of said motor housing from one another.

30. (New) The assembly of claim 19 wherein said filter first internal conductive structure comprises a plurality of layers.

31. (New) The assembly of claim 19 wherein said filter second internal conductive structure comprises a plurality of layers.

32. (New) The assembly of claim 19 wherein said filter ground internal conductive structure comprises a plurality of layers.

33. (New) The assembly of claim 19 wherein two layers of said filter ground internal structure sandwich between them said filter first internal conductive structure and said filter second internal conductive structure.